BRUHAT BANGALORE MAHANAGARA
PALIKE

QUALITY TEST REPORT

PMC for the Package-4 in Yelahanka Division

Name of work: Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

(Sri Sai Consultants)

SRI SAI CONSULTANTS
SURVEYING, ENGINEERING PROJECT CONSULTANTS

Address for Correspondence:

#07, 1st Floor, 1st Cross, MEI Layout,
Bagalagunte, Near BBMP Zonal Office,
Nagasandra Post Hesaragatta Main Road,
Bangaloere-560 074
PH: 9900161466

No.:SSC/BBMP/PMC/ YNK-D /30/2024-25

Date:

To,
Executive Engineer,
Yelahanka Division,
Bruhat Bangalore Mahanagara Palike
Bangalore.

Dear Sir,

Sub: Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase and Surrounding Areas in Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

In reference to the above subject, this is to bring to kind notice that we have scrutinized the **THIRD AND FINAL BILL** submitted by **M/s Sri S. R Mohan Kumar towards** the above said work and arrived at an amount of **Rs. 66,23,368.53 (Rupees Sixty-Six Lakh Twenty-Three Thousand Three Hundred Sixty-Eight and Paise Fifty-Three Only)** the work has been completed satisfactorily.

This is for your kind information.

Thank you and assuring you the best of our Services at all the times

SRI SAI CONSULTANTS

For Sri Sai Consultants

A.E.E.

SRI SAI CONSULTANTS
SURVEYING, ENGINEERING PROJECT CONSULTANTS

Address for Correspondence:

#07, 1st Floor, 1st Cross, MEI Layout,
Bagalagunte, Near BBMP Zonal Office,
Nagasandra Post Hesaragatta Main Road,
Bangaloere-560 074
PH: 9900161466

Date: 13.11.2023

TEST REPORT

CLIENT	:	**: Executive Engineer,** Yelahanka Division, BBMP
AGENCY	:	**M/s Sri S. R Mohan Kumar**
NAME OF THE WORK	:	Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)
SAMPLE ID	:	Cement
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl. No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015 RA-2020
1	a) Initial Setting Time	IS-4031 (Part -5)	158 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	340 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.50 %	-

Information is furnished by the Agency

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.
⇒ Any Query regarding the report must be reported within 15 days from the date of testing.

A.E.E.

SRI SAI CONSULTANTS

SRI SAI CONSULTANTS
SURVEYING, ENGINEERING PROJECT CONSULTANTS

Address for Correspondence:

#07, 1st Floor, 1st Cross, MEI Layout,
Bagalagunte, Near BBMP Zonal Office,
Nagasandra Post Hesaragatta Main Road,
Bangaloere-560 074
PH: 9900161466

Date 13.11.2023

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-2016

Client : **Executive Engineer,** Yelahanka Division, BBMP

Agency **M/s Sri S. R Mohan Kumar**

Name of Work Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Date of Testing 13.11.2023

Material : Sand

Total Wt. of Aggregates **1500**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	70	4.67	4.67	95.3	90-100
2.36	188	12.53	17.20	82.8	75-100
1.18	315	21.00	38.20	61.8	55-90
600 Micron	275	18.33	56.53	43.5	35-59
300 Micron	325	21.67	78.20	21.8	8-30
150 Micron	243	16.20	94.40	5.6	0-10

Information is furnished by the Agency

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

A.E.E.

SRI SAI CONSULTANTS

SRI SAI CONSULTANTS
SURVEYING, ENGINEERING PROJECT CONSULTANTS

Address for Correspondence:

#07, 1st Floor, 1st Cross, MEI Layout,
Bagalagunte, Near BBMP Zonal Office,
Nagasandra Post Hesaragatta Main Road,
Bangaloere-560 074
PH: 9900161466

Date 13.11.2023

TEST REPORT ON COARSE AGGREGATES
IS 383-2016

Client : **Executive Engineer,** Yelahanka Division, BBMP

Agency **M/s Sri S. R Mohan Kumar**

Name of Work Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Date of Testing 13.11.2023

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	310	6.2	6.2	93.8	90-100
10	2434	48.7	54.9	45.1	25-55
4.75	2015	40.3	95.2	4.8	0-10

Information is furnished by the Agency

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

A.E.E.

SRI SAI CONSULTANTS

SRI SAI CONSULTANTS
SURVEYING, ENGINEERING PROJECT CONSULTANTS

Address for Correspondence:

#07, 1st Floor, 1st Cross, MEI Layout,
Bagalagunte, Near BBMP Zonal Office,
Nagasandra Post Hesaragatta Main Road,
Bangaloere-560 074
PH: 9900161466

Date 13.11.2023

TEST REPORT ON COARSE AGGREGATES
IS 383-2016

Client : **Executive Engineer,** Yelahanka Division, BBMP

Agency **M/s Sri S. R Mohan Kumar**

Name of Work Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Date of Testing 13.11.2023

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	416	2.77	2.77	97.23	95-100
20	5018	33.45	36.23	63.77	30-70
10	6175	41.17	77.39	22.61	10-35
4.75	3019	20.13	97.52	2.48	0-5

Information is furnished by the Agency

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

A.E.E.

SRI SAI CONSULTANTS

SRI SAI CONSULTANTS
SURVEYING, ENGINEERING PROJECT CONSULTANTS

Address for Correspondence:

#07, 1st Floor, 1st Cross, MEI Layout,
Bagalagunte, Near BBMP Zonal Office,
Nagasandra Post Hesaragatta Main Road,
Bangaloere-560 074
PH: 9900161466

Date : 20.11.2023

TEST REPORT ON GRANITE SAMPLE

Client : **Executive Engineer,Yelahanka Division, BBMP**

Contractor/ Agency : **M/s Sri S. R Mohan Kumar**

Name of Work : Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Sample ID : Granite Sample

Technical Reference : IS : 13630 - (Part-13): 2019
IS : C - 880-98
IS : 14223 (Part 1): 1995

Date of Testing : 20.11.2023

Sl. No.	Test Conducted	Test Method	Test Result	Requirements as Per Multi-coloured Granites
1	Moisture Content (Percent)	IS: 13030:1991	0.14	**0.15 Max**
2	Dry Density	IS: 13030:1991	2.63	**2.60 to 2.68**
3	Specific Gavity (Min)	IS 1124:1974	2.82	**Min 2.75**
4	Water Absorption	IS 1124:1974	0.44	**0.50 Max**
5	Porosity (Percent)	IS 1124:1974	1.48	**1 to 2**
6	Compressive Strength (N/mm^2)	IS 1121(Part 1):1974	116 N/mm^2	**98.06 to 147.09 N/mm^2**
7	Tensile Strength	IS 1121(Part 3):1974	96.15 kg/cm^2	**90 kg/cm^2**
8	Shear strength (kg/cm^2)	IS 1121(Part 4):1973	425 kg/cm^2	**300-540 kg/cm^2**
9	Hardness(mohs)	IS 13630(Part 13):1993	6.37	**6 to 7**

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

A.E.E.

SRI SAI CONSULTANTS

SRI SAI CONSULTANTS
SURVEYING, ENGINEERING PROJECT CONSULTANTS

Address for Correspondence:

#07, 1st Floor, 1st Cross, MEI Layout,
Bagalagunte, Near BBMP Zonal Office,
Nagasandra Post Hesaragatta Main Road,
Bangaloere-560 074
PH: 9900161466

Date : 17.11.2023

TEST REPORT ON GRANITE SAMPLE

Client : **Executive Engineer,Yelahanka Division, BBMP**

Contractor/ Agency : **M/s Sri S. R Mohan Kumar**

Name of Work : Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Sample ID : Granite Sample

Technical Reference : IS : 13630 - (Part-13): 2019
IS : C - 880-98
IS : 14223 (Part 1): 1995

Date of Testing : 17.11.2023

Sl. No.	Test Conducted	Test Method	Test Result	Requirements as Per Multi-coloured Granites
1	Moisture Content (Percent)	IS: 13030:1991	0.11	**0.15 Max**
2	Dry Density	IS: 13030:1991	2.62	**2.60 to 2.68**
3	Specific Gavity (Min)	IS 1124:1974	2.82	**Min 2.75**
4	Water Absorption	IS 1124:1974	0.47	**0.50 Max**
5	Porosity (Percent)	IS 1124:1974	1.47	**1 to 2**
6	Compressive Strength (N/mm^2)	IS 1121(Part 1):1974	101.63 N/mm^2	**98.06 to 147.09 N/mm^2**
7	Tensile Strength	IS 1121(Part 3):1974	90.00 kg/cm^2	**90 kg/cm^2**
8	Shear strength (kg/cm^2)	IS 1121(Part 4):1973	320kg/cm^2	**300-540 kg/cm^2**
9	Hardness(mohs)	IS 13630(Part 13):1993	6.70	**6 to 7**

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

A.E.E.

SRI SAI CONSULTANTS